

AMENDMENTS TO THE CLAIMS

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Canceled)

9. (Canceled)

10. (Canceled)

11. (Canceled)

12. (Original) An X-ray intensifying screen comprising an opaque support carrying on one side a phosphor layer comprising a prompt emitting phosphor and on the other side of the support a layer containing an X-ray absorbing pigment selected from the groups consisting of alkaline earth compounds, Zn compounds, rare earth compounds, compounds comprising tungsten, compounds comprising tantalum, and titanium compounds.

13. (Currently Amended) An X-ray intensifying screen according to claim 12, wherein said pigment is selected from the group consisting of ZnO, BaSO₄, CaWO₄, PbO, Gd₂O₃ Gd₂O₂, YTaO₄ YTaO₄, BaFBr, LaOBr, ZnS and TiO₂.

14. (Original) A method for radiography, comprising the steps of:

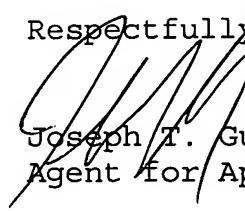
- providing a cassette with a front and back side containing an intensifying screen near said backside and an X-ray film with an emulsion layer in contact with said intensifying screen and a compensation element between said intensifying screen and said backside,
- exposing a patient, placed between an X-ray source and said front side of said cassette, by having said X-ray source emitting X-rays,
- registering an X-ray dose in a phototimer placed behind said backside of said cassette and
- having said phototimer end said exposure of said patient when a threshold X-ray dose has been absorbed by said phototimer.

15. (Original) A method according to claim 14, wherein said X-ray source emits X-rays having an energy between 20 and 50 kVp.

REMARKS

Claims 12-15 are pending in the present application. Review on the merits is respectfully requested.

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Respectfully submitted,

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